

North Carolina Department of Health and Human Services  
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

**NC-TOPPS**

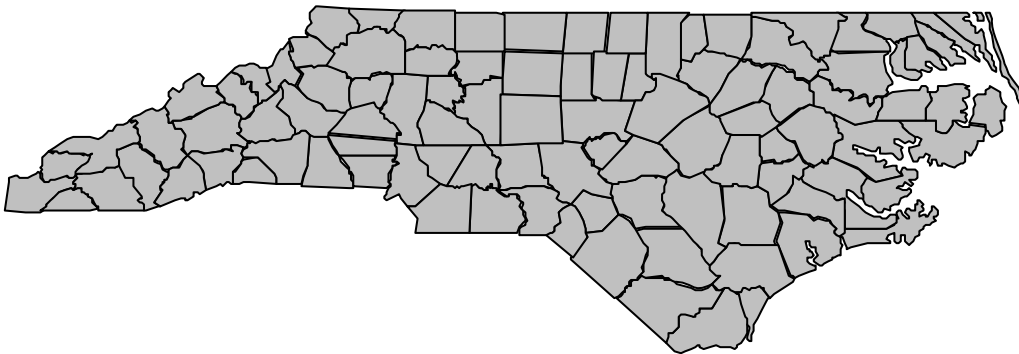
North Carolina Treatment Outcomes and Program Performance System

**Adolescent Mental Health Consumers (Ages 12-17)  
Southeastern Regional LME**

**Initial Interviews**

**July 1, 2007 through June 30, 2008**

This report includes consumers receiving only mental health services, and those receiving both mental health and substance abuse services.



Data Collected By:

Center for Urban Affairs and Community Services (CUACS)  
NC State University

Report Produced By:

Institute for Community-Based Research  
National Development & Research Institutes, Inc. (NDRI)

Prepared For:

Quality Management Team  
Community Policy Management Section  
DMH/DD/SAS  
NC DHHS

July 2008



## Introduction

This feedback report provides Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services data gathered for adolescent mental health consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). It provides information gathered through the online NC-TOPPS Initial Interview. Seven pages of charts, tables and text information are presented on mental health consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer at the beginning of their treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Interview is displayed in this report.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and printable version of the interviews are available at <http://nctopps.ncdmh.net>

## General Information on Interpreting Tables

<b>Types of Statistics</b>	<ul style="list-style-type: none"> <li>▶ A <u>count</u> shows the actual number (often designated by the letter "n" ) of clients.</li> <li>▶ A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.</li> <li>▶ An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.</li> <li>▶ A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, <b>22</b>, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.</li> </ul>
<b>Missing Data</b>	For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% (25/48*100).
<b>Denominators</b>	The denominator for nearly all percentages is the number of cases shown at the bottom on the page minus item missing data. All exceptions to this general rule are noted with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those enrolled in K-12." In sections with "by groups" such as by age, the denominator is the age group noted.
<b>Multiple Response</b>	"Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.
<b>Definition of terms</b>	The Appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report.
<b>Special notes:</b>	



**Initial Assessments Received July 1, 2007 through June 30, 2008**  
**Adolescent (12-17) Mental Health Consumers**  
**Southeastern Regional**

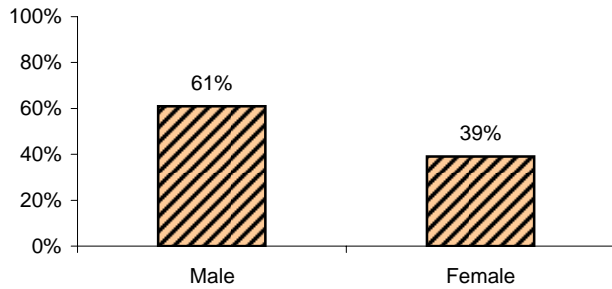
This table shows the number of consumers in this report by provider.

<b>Provider</b>	<b>City</b>	<b>ProviderID</b>	<b>Number</b>
ACTS, Inc.	Fayetteville	1571	1
Advantage Behavioral Healthcare	Whiteville	1512	45
Agape Associates, Inc.	Laurinburg	2532	14
Angelo's Care Home, Inc.	Maxton	1912	1
Assisted Care, Inc.	Elizabethton	209	17
Assisted Care, Inc.	Laurinburg	770	7
Assisted Care, Inc.	Lumberton	898	2
Assisted Care, Inc.	Whiteville	618	4
Associate Behavioral Services	Lumberton	850	49
Behavioral Link	Lumberton	1145	7
Cardinal Clinic	Laurinburg	2499	15
Caring Family Network	Fayetteville	1049	2
Caring Touch Home Health	Lumberton	2502	17
Caring Touch Home Health	Pembroke	1630	7
Carolina Professional Mental Health Associates, Inc.	Lumberton	1046	33
Carolina Professional Mental Health Associates, Inc.	Lumberton	2019	5
Carolinas Home Care Agency, Inc.	Lumberton	2749	4
Carolinas Home Care Agency, Inc.	Whiteville	2546	4
Community Innovations	Elizabethton	2111	8
Community Innovations	Laurinburg	1803	24
Community Innovations	Lumberton	679	27
Community Innovations	Whiteville	1817	6
Community Support Agencies	Delco	1836	2
Coordinated Health Services	Elizabethton	753	5
Coordinated Health Services	Laurinburg	507	11
Coordinated Health Services	Lumberton	204	3
Coordinated Health Services	Lumberton	785	7
Coordinated Health Services	Whiteville	778	2
Corpus Christi Services, Inc.	Parkton	200	4
Crossroads Associates	Pembroke	1790	52
DirecCare Behavioral Services	Elizabethton	2022	25
ELDO, Inc.	Whiteville	1577	1
Eden Health Care Services, Inc.	Fairmont	2029	7
Empowerment Group Home Care, Inc.	Durham	2271	8

Evergreen Behavioral Management	Lumberton	802	8
Evergreen Behavioral Management	Whiteville	609	18
FFC - Institute For Change	Whiteville	1813	44
Family Alternatives - Pembroke	Pembroke	1680	2
Family Alternatives, Inc.	Elizabethtown	747	7
Family Alternatives, Inc.	Lumberton	592	11
Family Alternatives, Inc.	Lumberton	602	11
Family Alternatives, Inc.	Whiteville	685	3
Family Alternatives, Inc. - Scotland	Laurinburg	572	6
Guiding Light	Lumberton	1679	18
Healthcare Connections of the Carolinas	Maxton	2842	1
Healthcare Connections of the Carolinas	Raeford	1530	1
Helping Hands Healthcare Services	Laurinburg	1991	10
HomeCare Management Corporation	Whiteville	264	8
Ingram Health Services/Manna House	Rowland	1997	21
Johnson Center Homes	Red Springs	1712	4
Life Enhancement Services	Whiteville	1684	6
Life Solutions	Lumberton	2916	7
Lighthouse Counseling Center	Fayetteville	2837	1
Litehouse, Inc.	Laurinburg	2599	2
McMillian Home Care	Lumberton	1267	2
NC Mentor Network	Laurinburg	1213	15
NC Mentor Network	Whiteville	1147	4
Native Angles Homecare Agency	Lumberton	1037	10
New Beginningz, Inc.	Laurinburg	2018	4
New Directions Home Health Care	Whiteville	1101	6
New Life Services, Inc.	Lumberton	1043	34
Peterkin and Associates, Inc.	Lumberton	2491	9
Precious Hands Home Care, Inc.	Lumberton	2620	22
Premier Behavioral Services	Lumberton	1279	17
Primary Health Choice	Lumberton	203	31
Primary Health Choice	Lumberton	1410	5
Primary Health Choice	Lumberton	2410	3
Primary Health Choice	Maxton	1923	12
Primary Health Choice	Red Springs	1422	27
Primary Health Choice	Saint Pauls	1920	2
Professional Mental Health Care Services	Lumberton	2466	26
Rennert Homes	Red Springs	2767	7

Riverbend Services, Inc.	Lumberton	1860	12
Southeastern Behavioral Healthcare Services	Lumberton	755	58
Southeastern United Care	Laurinburg	2055	8
Southeastern United Care	Pembroke	1676	30
Southeastern United Care	Whiteville	2124	8
Southern Cross Mental Health	Whiteville	2195	13
Stephen's Outreach Center	Lumberton, Fairmont	1718	23
Straight Ahead Community	Lumberton	1416	1
Sunshine Center, Inc.	Wagram	2434	26
T & T Youth Services/Greater Deliverance World Outreach	Laurinburg	1989	7
TT & T Services, Inc.	Lumberton	1862	48
Triangle Medical Services	Whiteville	2145	21
White Alternative Services, Inc.	Lumberton	2116	6
Total			1112

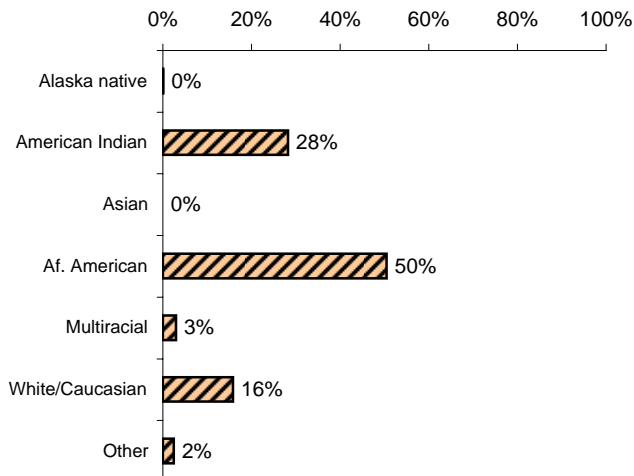
## 1-1: Gender



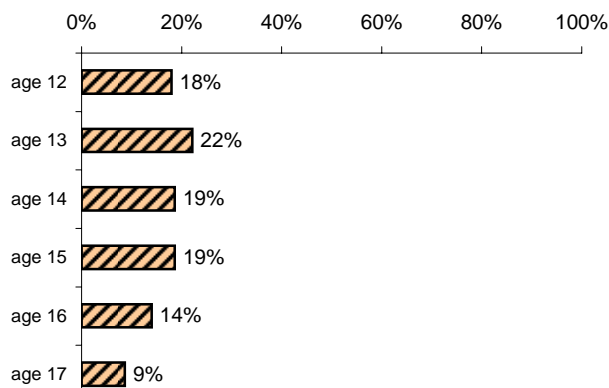
## 1-2: Hispanic Origin

Of the SER consumers, 3% indicate that they are of Hispanic, Latino, or Spanish origin.

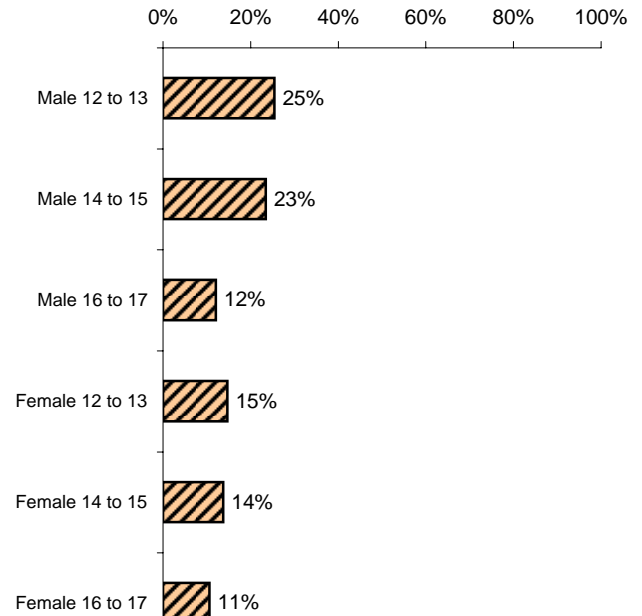
## 1-3: Race/Ethnicity



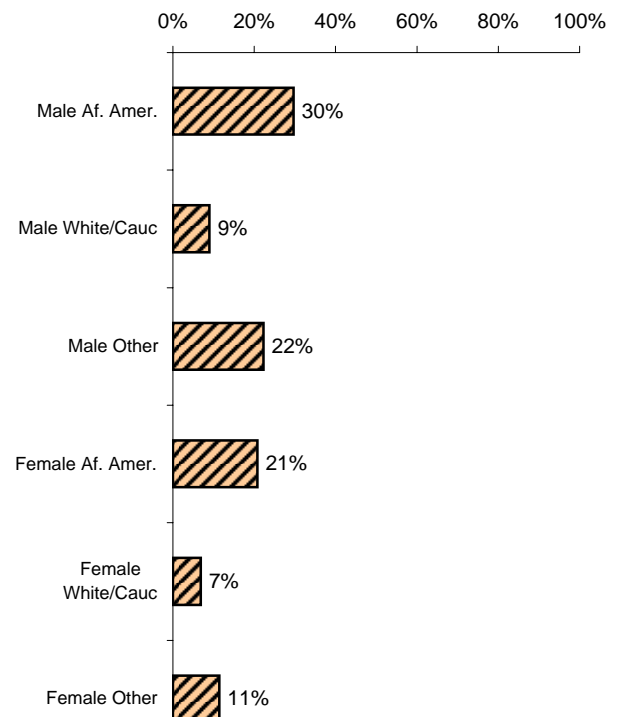
## 1-5: Age



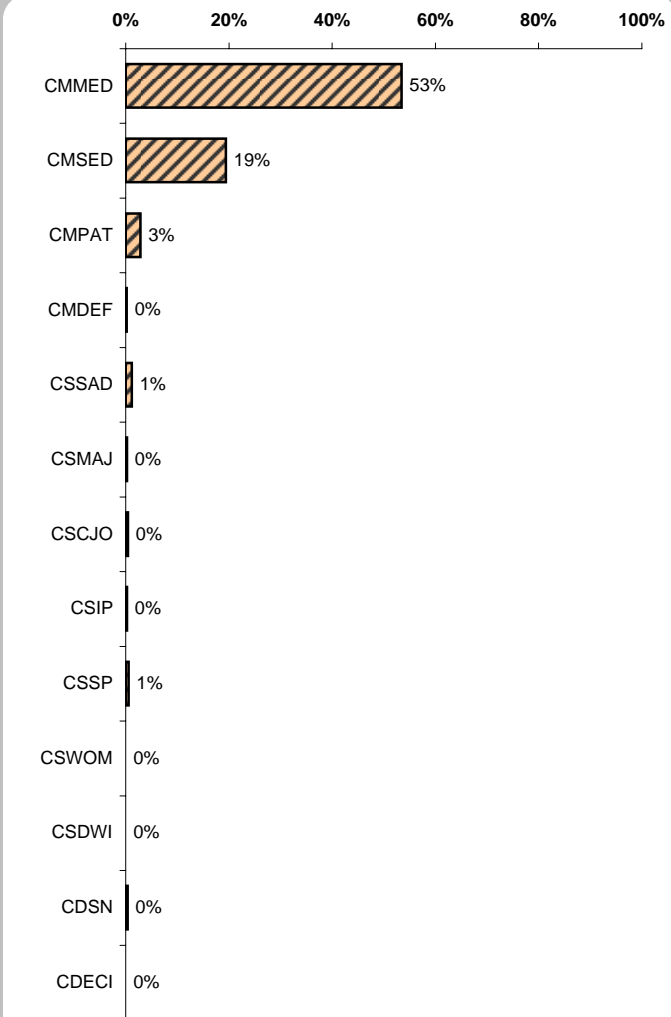
## 1-6: Gender and Age



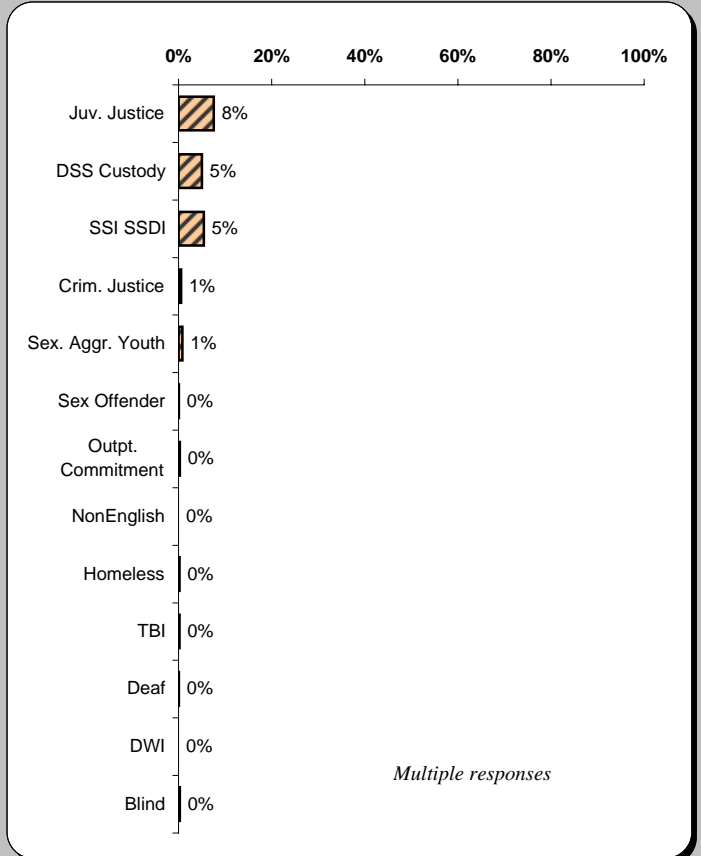
## 1-7: Gender and Race/Ethnicity



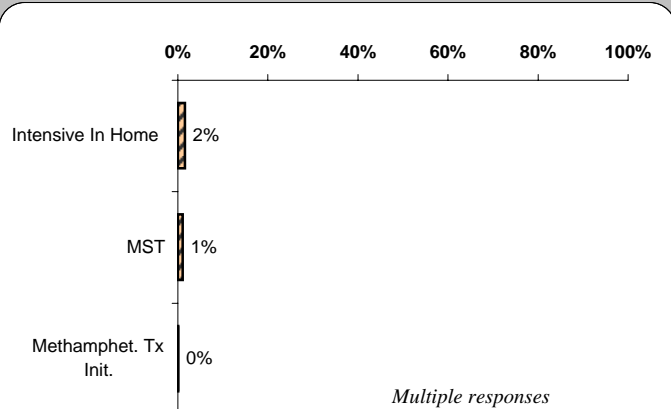
## 2-1: IPRS Target Populations



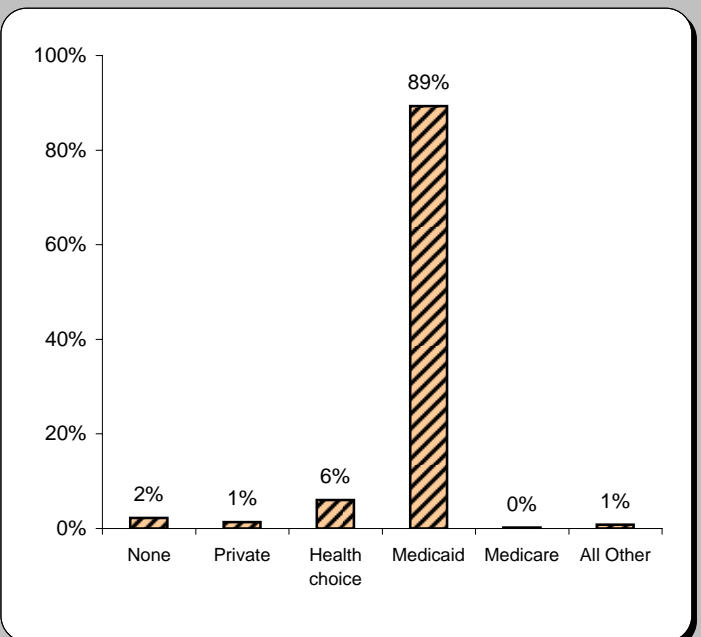
## 2-2: Special Populations



## 2-3: Special Programs



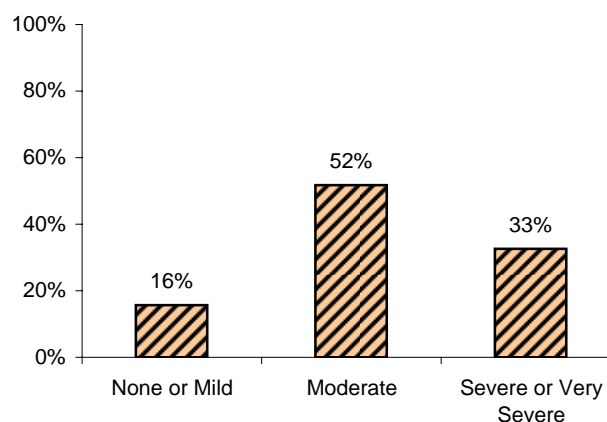
## 2-4: Health Insurance



**Note :** Refer to appendix for acronym definitions for all charts on this page.

Number of Initial Interviews: SER = 1,112

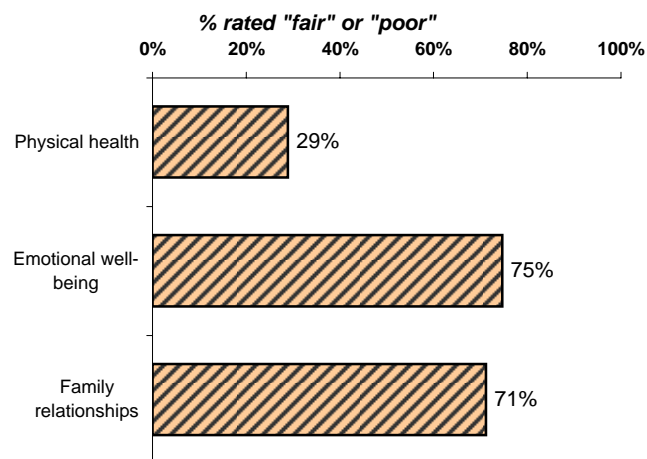
### 3-1: Severity of Mental Health Symptoms, Past Month



### 3-2: General Assessment of Functioning (GAF)

GAF scores were reported for 97% of SER consumers. The average score was 49.4 and the median score was 50.

### 3-3: Consumer Ratings on Quality of Life



### 3-4: History of Abuse

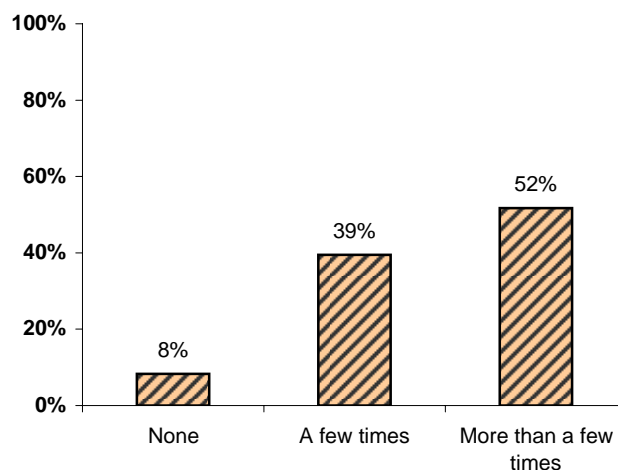
Physically Abused, past 3 months	25%
Sexually Abused, ever	6%
Sexually Abused, past 3 months	1%

### 3-5: DSM-IV Diagnoses

Diagnostic Category	%
Attention deficit disorder	41%
Oppositional defiant disorder	46%
Major Depression	12%
Conduct disorder	18%
Disruptive behavior	8%
Bipolar disorder	6%
PTSD	5%
Anxiety disorder	4%
Drug Abuse	3%

\* Only most commonly diagnosed conditions shown.

### 3-6: How Often Problems Interfere with Work, School, or Other Daily Activities, Past 3 Months



### 3-7: Lifetime Suicide Attempts

6% of SER consumers have attempted suicide at least once during their lifetime.

### 3-8: Behavior Problems and Symptoms Expressed, Past 3 Months

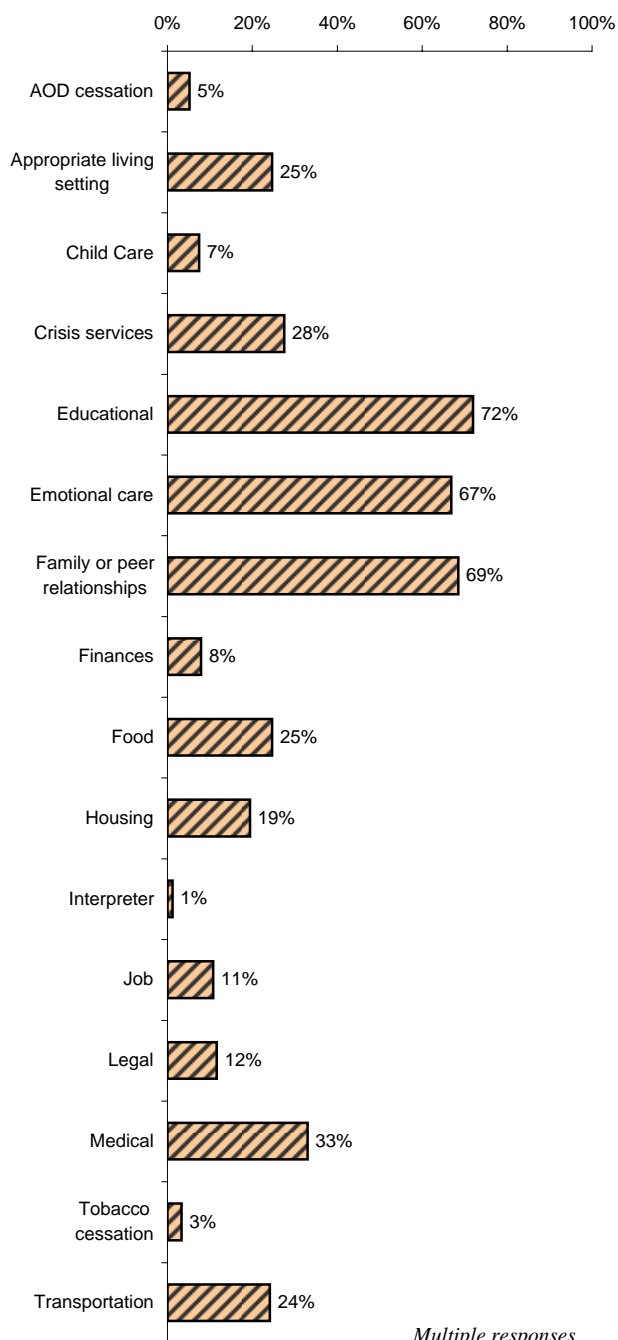
	%
Suicidal thoughts	18%
Tried to hurt or cause self pain	12%
Risky sexual activity	2%
Hit/physically hurt another person	48%
Carried handgun or weapon	14%



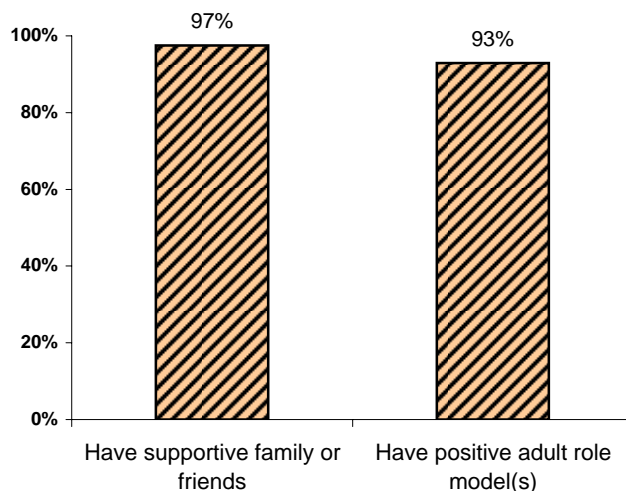
## 4-1: Public or Private Health Care Provider

Among SER consumers, 91% report that they have a health care provider and 83% have seen their provider within the past year.

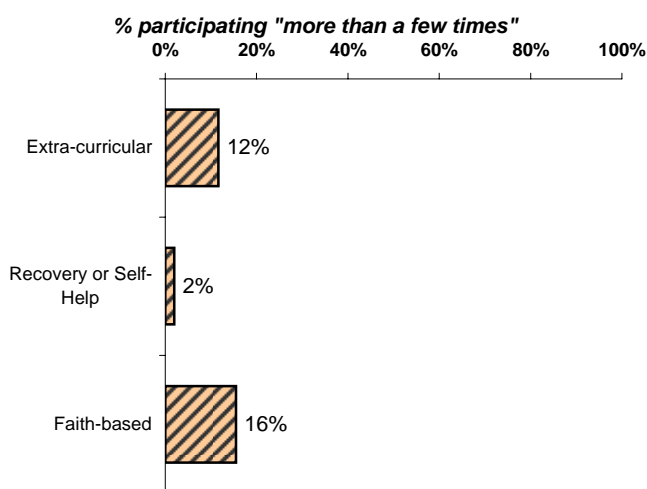
## 4-2: Service Needs Rated "Very Important"



## 4-3: Support for Recovery



## 4-4: Consumer Participation in Positive Activities, Past 3 Months

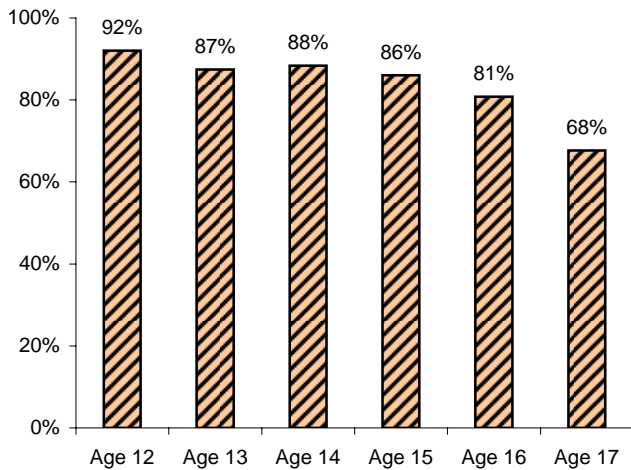


**5-1: Enrollment in Academic Programs**

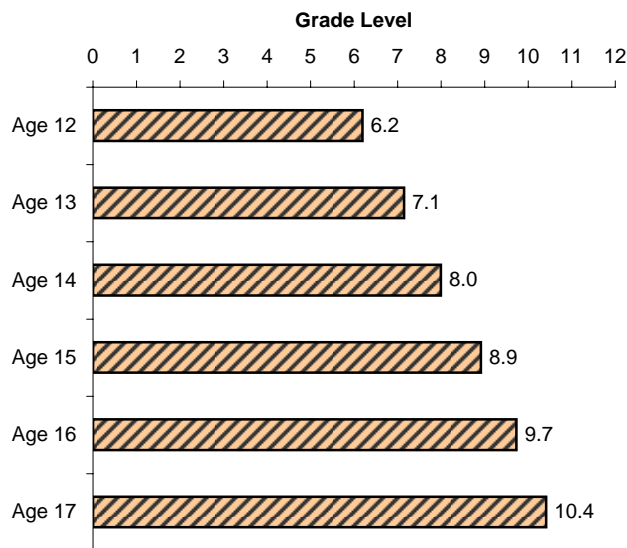
Enrolled in...	
Any Academic program	92%
Academic Schools (K-12)	86%
Alternative Learning Program (ALP)	6%
Technical or Vocational School	0%
GED or Adult Literacy	1%

Note: Multiple response.

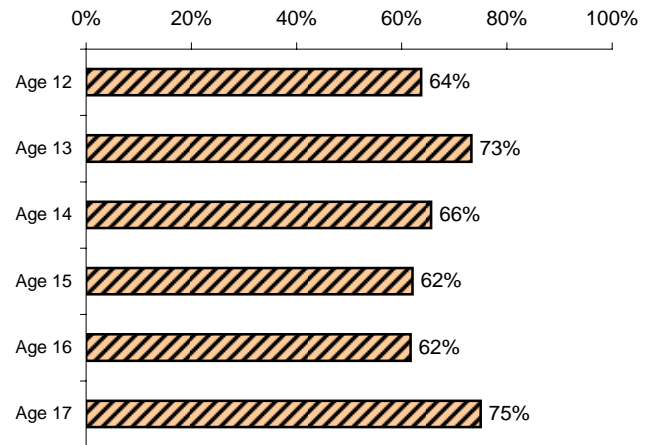
**5-2: K-12 School Attendance, by Age**



**5-3: Average Grade Level of Students in K-12, by Age**



**5-4: Students in K-12 who Received Mostly A's, B's or C's at Most Recent Grading Period, by Age**

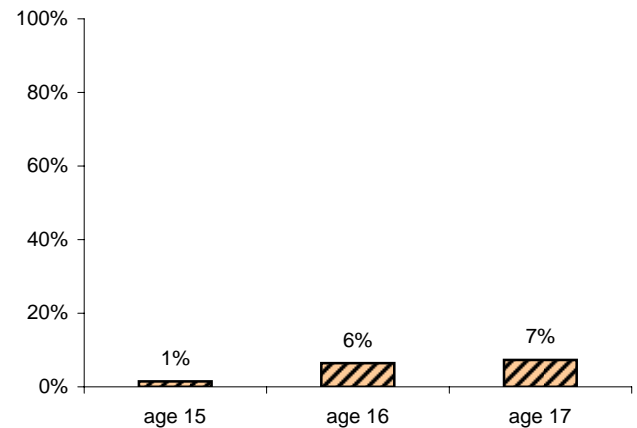


**5-5: School Suspension, Expulsion, and Truancy, Past 3 Months**

Of those enrolled in K-12, percent who missed school due to	
Expulsion	7%
Out-of-school suspension	33%
Truancy	7%

**5-6: Employment, Past 3 Months, by Age**

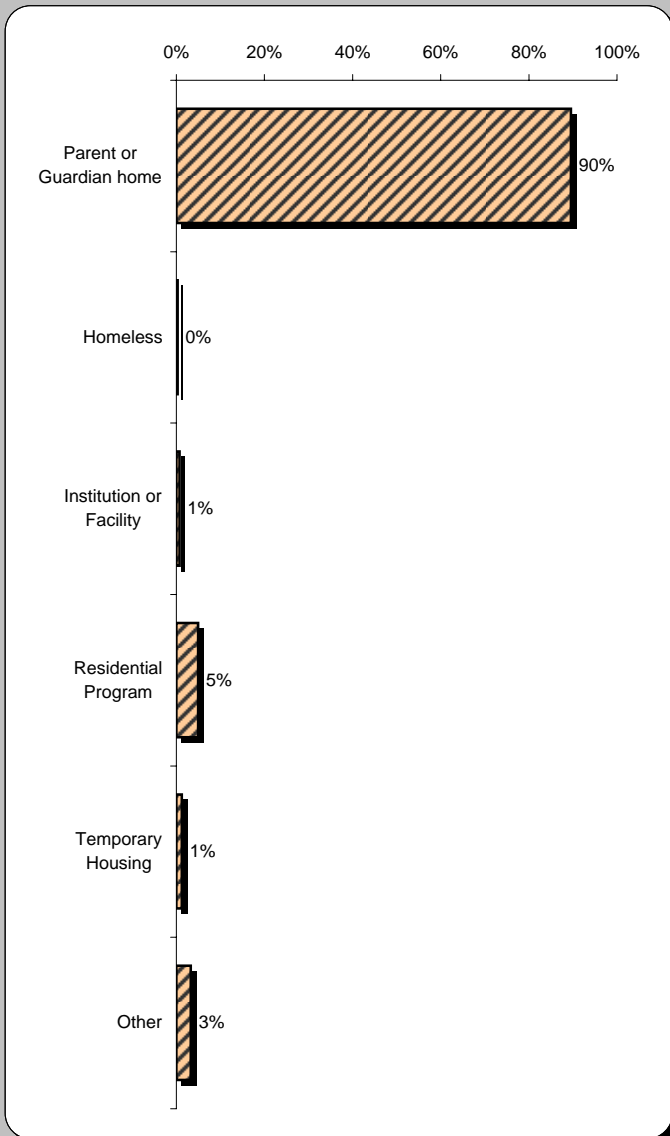
The following chart shows the percent of 15 to 17 year olds, by age, who are working full or part-time. While any work, full or part-time, is shown, nearly all work in this age group is part-time. The denominator for these percentages does not exclude those not in the labor force.



## 6-2: Primary Caregiver

Parent(s)	75%
Grandparent(s)	11%
Sibling(s)	1%
Foster parent(s)	2%
Spouse/partner	0%
Other relative	4%
Other	7%

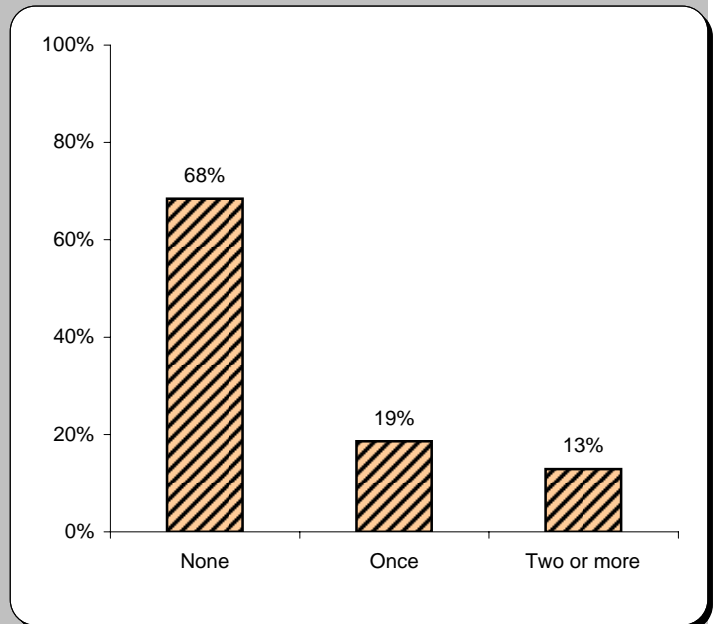
## 6-3: Where Lived



## 6-4: Numbers living in special circumstances

Homeless sheltered	2
Homeless unsheltered	1
Foster home	7
Therapeutic foster home	9
Level III Group Home	30
Level IV Group Home	5
State residential treatment facility	3
SA residential treatment facility	0
Halfway house	0

## 6-5: Times Moved Residences in the Past Year



## 6-6: Have children

Of the SER consumers 3% have children of their own.

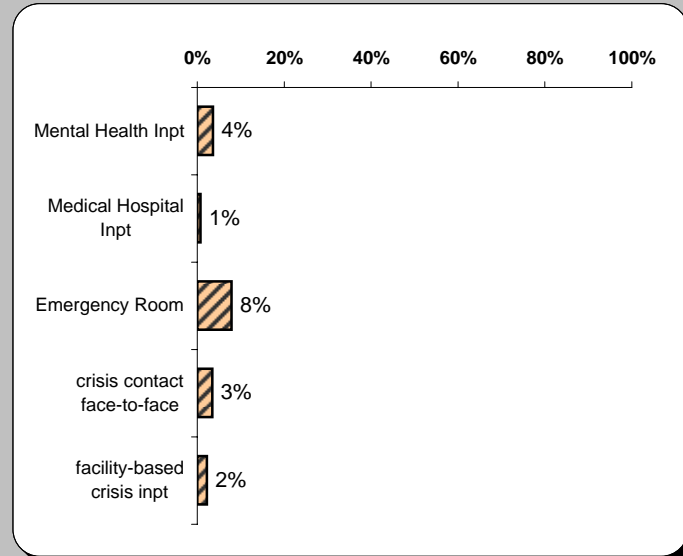
## 6-7: Pregnancy and Prenatal Care

	Number
Currently pregnant	3
Referred to prenatal care*	3
Receiving prenatal care*	3

\* of those who are pregnant.

**7-1: Lifetime Admission for Inpatient Mental Health**  
7% of SER consumers have had inpatient mental health admissions.

**7-2: Health Care: Types of Service Utilized in Past 3 Months**



**7-3 Arrest History**

Any Arrests	
Ever	30%
Past Month	4%
Misdemeanor Arrests	
Ever	14%
Past Month	2%
Felony Arrests	
Ever	5%
Past Month	0%

Note: A person may have arrests for both misdemeanors and felonies.

**7-4: Trouble with the law in the Past Month**

9% of SER consumers reported that they had been in trouble with the law in the past month.

**7-5: Justice System Involvement**

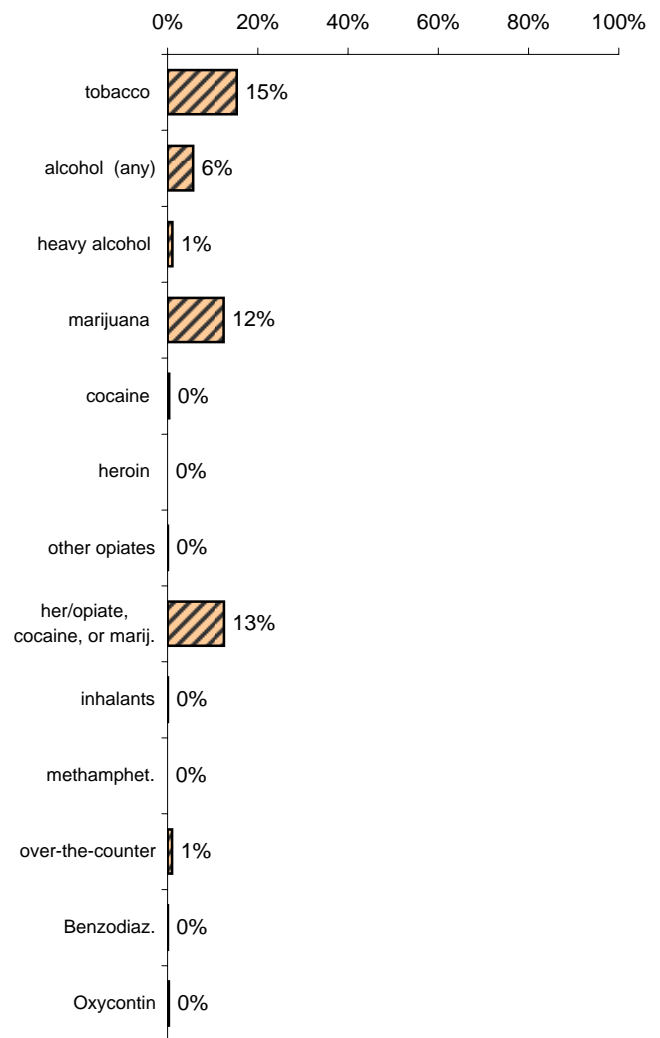
Justice System Involvement	
Adult correctional supervision	1%
Juvenile correctional supervision	10%
Admission required by JJ/CJ/court	6%

**7-6: Lifetime Use of Substances**

Lifetime Use of Substances	
Ever used tobacco or alcohol	19%
Ever used other illicit drugs	13%

**7-7: Self-Report Substance Use, Past 12 Months**

Bars show % with any use



**7-8: Cigarette Smoking**

Overall, 12% of SER consumers report that they smoked cigarettes in the past month and 1% smoked a pack a day or more.



## Appendix

### Adolescent (Age 12-17) Mental Health

### Acronyms and Abbreviations

Acronym or Term	Definition
ACT	Assertive Community Treatment
Af American	African American
AOD	Alcohol or other drugs
CDECI	Target population: Early childhood intervention
CDSN	Target population: Child with Developmental Disability
CMDEF	Target population: Child MH consumer who is deaf or hard of hearing
CSDWI	Target population: Child SA consumer who is receiving DWI Offender Treatment
CMMED	Target population: Child who is Seriously Emotionally Disturbed
CMPAT	Target population: Child MH consumer who is homeless (PATH program)
CMSD	Target population: Child who is Seriously Emotionally Disturbed with out of home placement
CSCJO	Target population: Child SA consumer who is a Criminal Justice Offender
CSIP	Target population: Child receiving indicated SA prevention services
CSMAJ	Target population: Child SA consumer in the MAJORS SA/JJ Program
CSSAD	Target population: Child with Substance Abuse Disorder
CSSP	Target population: Child receiving selected SA prevention services
CSWOM	Target population: Child SA consumer who is pregnant or has dependent children
Benzodiaz.	Benzodiazepine(s)
Buprenorph.	Buprenorphine
Cauc.	Caucasian
Crim. Justice	Criminal Justice
CJ	Criminal Justice
CST	Community support team
Detox	detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
Inpt	Inpatient
JJ	Juvenile justice
Juv. Justice	Juvenile justice
Marij.	Marijuana
Med. Mgmt.	psychiatric medication management
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Initiat.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse
SSI/SSDI	Supplemental Security Income or Social Security Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury